

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): J. Scott Buchanan John W. Diehl Lawrence J. Altman		2. Name and address of receiving party(ies): Name: <u>ExxonMobil Chemical Patents Inc.</u> Street Address: <u>13501 Katy Freeway</u> City: <u>Houston</u> State: <u>Texas</u> ZIP: <u>77079</u>
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: September 14, 2001, September 19, 2001, and September 21, 2001		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____		
A. Patent Application No.(s) <u>09/891,908</u>		B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning documents should be mailed: Name: <u>Louis N. Moreno</u> Internal Address: <u>ExxonMobil Chemical Company</u> <u>Law Technology</u> Mailing Address: <u>P.O. Box 2149</u> City: <u>Baytown</u> State: <u>Texas</u> ZIP: <u>77522-2149</u>		6. Total number of applications and patents involved: [1]
		7. Total fee (37 CFR 1.41): <u>\$120.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account
8. Deposit account number: <u>05-1712</u>		

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Louis N. Moreno, Reg. No. 44,953

Name of Person Signing

Louis N. Moreno

Signature

October 11, 2001

Date

Total number of pages including cover sheet, attachments, and document: [4]

Mail documents to be recorded with required cover sheet information to:

COMMISSIONER OF PATENTS AND TRADEMARKS
BOX ASSIGNMENT
WASHINGTON DC 20231

03806 U.S. PRO
10/616053

07/09/03

ASSIGNMENT

INVENTOR or INVENTORS:

J. Scott Buchanan

John W. Diehl

Lawrence J. Altman

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or promise of payment which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Chemical Patents Inc., a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

USE OF MEMBRANES TO SEPARATE ORGANIC LIQUIDS HAVING DIFFERENT POLARITIES,

said application having been executed on the 14th, 19th, 21st day(s) of September 2001, and being further identified as Case No. 2001B067, U.S.S.N. 09/891,908, filed June 26, 2001; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application, as well as the filing date and application number thereof when known.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE

Sept 14, 2001

J. Scott Buchanan

Inventor

(LS)

Shirley J. Diehl

Witness

ASSIGNMENT

INVENTOR or INVENTORS:

J. Scott Buchanan

John W. Diehl

Lawrence J. Altman

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or promise of payment which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Chemical Patents Inc., a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

USE OF MEMBRANES TO SEPARATE ORGANIC LIQUIDS HAVING DIFFERENT POLARITIES,

said application having been executed on the 14th, 19th & 21st day(s) of September 2001, and all rights of priority and being further identified as Case No. 2001B067, U.S.S.N. 09/891,908, filed June 26, 2001; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application, as well as the filing date and application number thereof when known.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE

9/19/01

John W. Diehl

(LS)

Inventor

Madelene Lapey
Witness

ASSIGNMENT

INVENTOR or INVENTORS:

J. Scott Buchanan
John W. Diehl

Lawrence J. Altman

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or promise of payment which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Chemical Patents Inc., a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

USE OF MEMBRANES TO SEPARATE ORGANIC LIQUIDS HAVING DIFFERENT POLARITIES,

said application having been executed on the 14th, 19th & 21st day(s) of September 2001, and all rights of priority and being further identified as Case No. 2001B067, U.S.S.N. 09/891,908, filed June 26, 2001; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application, as well as the filing date and application number thereof when known.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE

9/21/2001

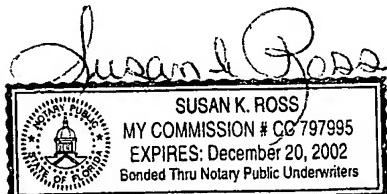
Lawrence J. Altman

(LS)

Inventor

Lisa K. Coblenz

Witness LISA K. COBLENTZ





OCTOBER 11, 2001

EXXONMOBIL CHEMICAL COMPANY
LOUIS N. MORENO
P.O. BOX 2149, LAW TECHNOLOGY
BAYTOWN, TX 77522-2149

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

700007947A

700007947A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/11/2001

REEL/FRAME: 012053/0893
NUMBER OF PAGES: 4

BRIDGE: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
BUCHANAN J SCOTT

DOC. DATE: 09/14/2001

ASSIGNOR:
DIEHL, JOHN W.

DOC. DATE: 09/19/2001

ASSIGNOR:
ALTMAN, LAWRENCE J.

DOC. DATE: 09/21/2001

ASSIGNEE:
EXXONMOBIL CHEMICAL PATENTS INC.
13501 KATY FREEWAY
HOUSTON, TEXAS 77079

SERIAL NUMBER: 09891908
PATENT NUMBER:

FILING DATE: 06/26/2001
ISSUE DATE:

OCT 17 2001

OCT-12-2001 08:36

95%

P.06

012053/0893 PAGE 2

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS